

*What is claimed is:* Patent Claims

1. A preparation for treating human skin and human hair, characterized in that it comprises an active ingredient combination consisting of
  - biotin and
  - at least one glycoprotein.
2. The preparation as claimed in claim 1, characterized in that the glycoprotein is a vegetable glycoprotein.
3. The preparation as claimed in claim 2, characterized in that the glycoprotein originates from a primary plant cell wall.
4. A preparation as claimed in either of claims 2 and 3, characterized in that the glycoprotein is chosen from the glycoproteins from soybeans, rice, oats, wheat, potatoes, peaches, almonds, mushrooms and peas.
5. The preparation as claimed in any one of claims 1 to 4, characterized in that the carbohydrate portion of the glycoprotein is chosen from galactose, arabinose, mannose, glucose and fucose.
6. The preparation as claimed in any one of claims 1 to 5, characterized in that the glycoprotein is present in an amount of from 0.0001-5% by weight, based on the total preparation.
7. The preparation as claimed in any one of claims 1 to 6, characterized in that the biotin is present in an amount of from 0.000001-0.5% by weight.

8. The preparation as claimed in any one of claims 1 to 7, characterized in that it further comprises a penetration auxiliary.
- 5 9. The preparation as claimed in any one of claims 1 to 8, characterized in that it further comprises a protein hydrolysate.
- 10 10. The preparation as claimed in any one of claims 1 to 9, characterized in that it further comprises a vitamin, chosen from panthenol, tocopherol and vitamin A and precursors and derivatives thereof.
- 15 11. The preparation as claimed in any one of claims 1 to 10, characterized in that it further comprises a plant or honey extract.
- 20 12. The preparation as claimed in any one of claims 1 to 11, characterized in that it further comprises a film former.
- 25 13. The preparation as claimed in any one of claims 1 to 12, characterized in that it remains on the hair or the skin following application.
- 30 14. The use of an active ingredient combination consisting of
- biotin and
  - at least one glycoprotein
- for treating human skin and human hair.
- 35 15. The use of an active ingredient combination consisting of
- biotin and
  - at least one glycoprotein
- for increasing the protein production in human cells.

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